



Calhoun: The NPS Institutional Archive
DSpace Repository

[Others Look at NPS](#)

[Articles and Reports about NPS \(External\)](#)

2018-08-17

Senior ONR Official Taps Into NPS Researchers

Schehl, Matthew

U.S. Department of the Navy

<http://hdl.handle.net/10945/59953>

This publication is a work of the U.S. Government as defined in Title 17, United States Code, Section 101. Copyright protection is not available for this work in the United States.

Downloaded from NPS Archive: Calhoun



Calhoun is the Naval Postgraduate School's public access digital repository for research materials and institutional publications created by the NPS community. Calhoun is named for Professor of Mathematics Guy K. Calhoun, NPS's first appointed -- and published -- scholarly author.

Dudley Knox Library / Naval Postgraduate School
411 Dyer Road / 1 University Circle
Monterey, California USA 93943

<http://www.nps.edu/library>



Email

Senior ONR Official Taps Into NPS Researchers

By Matthew Schehl, Naval Postgraduate School - August 17, 2018

A senior Office of Naval Research (ONR) official recently brought the Naval Postgraduate School (NPS) research community up to speed on its current directions in an ever-changing world.

Dr. John Pazik, head of ONR's Expeditionary Warfare and Combatting Terrorism (EWCT) department, gave an in-depth special briefing to NPS students and faculty in Glasgow Hall, July 25. The presentation, entitled "First to Field: Naval Research in the 21st Century," outlined ONR's research framework and priorities as well as ongoing initiatives in the EWCT department.

"If you've been paying attention over the last two or three years, you know that new challenges are continuing to occur and change all of our processes, the way we go about our daily business," Pazik said. "We're talking about, 'How do we change our organization to be more agile, to accelerate the pace of technology employment and be transparent in the work that we do?'"

The presentation underscored the congruency of interests between the technology and engineering research being conducted at NPS and EWCT, highlighted in the [2018 U.S. Marine Corps Science and Technology Strategic Plan](#).

From [swarms of autonomous vehicles](#) to [cyber warfare](#) to [big data analytics](#), NPS continues in its tradition of providing the U.S. military with relevant and unique advanced education and research.

"As the recipient of the talent that you create here at NPS, I can tell you that you do a great job," Marine Corps Col. Brian Magnuson, ONR military deputy, told the audience. "The extremely valuable people that you provide us, these folks are hitting it out of the park."

"They're doing innovation: taking two novel technologies that nobody thought about, putting them together in a different way, and making it an operationally-global capability to fight both tonight and in the future," he continued.

This sort of creative problem-solving drives the synergy between ONR and NPS, as the Navy adjusts course to adopt emerging technologies that are shaping the future of conflict.

New challenges – global in nature – are pushing the boundaries of military research, and NPS research and education capabilities align closely with those of EWCT. As one of six divisions within ONR, EWCT comprises basic, applied and advanced science and technology research programs – \$200 million annually – with advanced technology development in a range of technical disciplines and warfare areas. These areas, Pazik noted, are always in flux to some degree given the often-changing security environment.

"Over the last 15 years, we've been paying a lot of attention to irregular warfare, looking at non-state actors and insurgents," Pazik said, noting that attention will likely not go away.

But, he continued, the National Defense Strategy (NDS) clearly defines our path forward and the need to focus on "our near-peer adversaries and the things they're working on, technologically and operationally," he continued. "How are we going to be able to respond quickly and with the right approach to have a positive effect?"

Ultimately, it's about capitalizing on all of the Navy's intellectual capital, as Secretary of the Navy Richard V. Spencer noted during his visit to campus in late January.

"We all have an interest in ensuring that NPS endures as the pre-eminent, postgraduate research and education institution and the first choice for the Navy and Marine Corps and our partners," Spencer noted during a lecture to NPS students and faculty. "But going even further, I want this institution to be the primary education and research enterprise for a partnership with the private sector, government sector and academia coming together at the research level."



Dr. John Pazik, head of ONR's Expeditionary Warfare and Combatting Terrorism group, briefs NPS students, faculty and researchers on the organization's current research and priorities during a presentation in Glasgow Hall, July 25. Photo courtesy of NPS.

Related CHIPS Articles

[Internet of Things Trust: NIST Releases Draft Pub](#)

[Marshall Center's Cyber Team Engages Experts, Senior Leaders to shed Light on the Deep and Dark Web](#)

[NIST Reopens Registration for Privacy Framework Workshop](#)

[Army Reserve cyber leader receives prestigious award from Military Cyber Professionals Association](#)

[Cross-functional teams already producing results, says Futures Command general](#)

Related DON CIO News

[DON CIO Remains Focused on DON IM/IT policy and Governance Oversight](#)

[DON IT Conference Presentations Available](#)

[SECNAV Instruction 2400.2A Provides Updated DON Policy on Electromagnetic Environment Policy and Management](#)

[DON IT Conferences Share Information / Recognize DON IT Award Winners](#)

[DON CIO Publishes Cyber Glossary](#)

Related DON CIO Policy

[Electromagnetic Environmental Effects and Space Weather Event Preparedness Policy and Management](#)

[Radio Receiver Frequency Assignments for Mission-Critical Systems](#)

[DON Electromagnetic Spectrum Harmful Interference Reporting](#)

[Spectrum Supportability Risk Assessment Process Using the Spectrum Supportability Integrated](#)

“Why do I want this?” he asked. “I want this specifically as the Secretary of the Navy because I have, as the globe has, many vexing problems facing me.”

Process Portal

DON Cyberspace IT and Cybersecurity
Workforce Management and
Qualification Manual

TAGS: [Cybersecurity](#), [InfoSharing](#), [Spectrum](#), [Telecommunications](#), [Workforce](#)

CHIPS is an official U.S. Navy website sponsored by the Department of the Navy (DON) Chief Information Officer, the Department of Defense Enterprise Software Initiative (ESI) and the DON's ESI Software Product Manager Team at Space and Naval Warfare Systems Center Pacific.

Online ISSN 2154-1779; Print ISSN 1047-9988
[Hypertlink Disclaimer](#)